

**CARDIAC RHYTHM MANAGEMENT SYSTEM WITH ARRHYTHMIA
CLASSIFICATION AND ELECTRODE SELECTION**

ABSTRACT

5 A system, method, or device classifies an arrhythmia according to the
temporal order in which a depolarization wave associated with a particular heart
contraction is received at a plurality of electrodes. One or more antiarrhythmia
therapies is mapped to each arrhythmia classification. When a particularly classified
arrhythmia is detected, the correspondingly mapped therapy list is selected and an
10 appropriate antiarrhythmia therapy delivered. In one example, the particular therapy
delivered in response to an arrhythmia depends at least in part on its historical
success in treating arrhythmias of that classification.

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